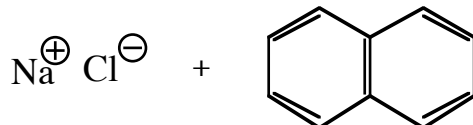
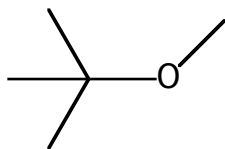


TASK: SEPARATE A MIXTURE OF 2 SOLIDS



HOW? USE A TWO-PHASE LIQUID-LIQUID SYSTEM TO ACCOMPLISH THE SEPARATION: WATER IS ONE PHASE AND A LOW-POLARITY ORGANIC SOLVENT IS THE OTHER PHASE. THE ORGANIC SOLVENT SHOULD HAVE A LOW BOILING POINT SO IT CAN BE EASILY REMOVED BY EVAPORATION.

**EXAMPLE: TERT-BUTYL METHYL ETHER
BP 52° C, NON-POLAR**



(EASILY EVAPORATED = VOLATILE)